National warning system for Tsunami

1968. DR. VIJAY MALLYA: Will the Minister of OCEAN DEVELOPMENT be pleased to state:

(a) whether Hyderabad based Department of Ocean Development (DOD) is setting up a long-term and round-the clock National Tsunami warning system;

(b) if so, the measures taken by Government to strengthen DOD; and

(c) the number of places that have been identified to set up warning centres?

THE MINISTER OF STATE OF THE DEPARTMENT OF OCEAN DEVELOPMENT (SHRI KAPIL SIBAL): *(a) to (c) It is proposed to set up a* Tsunami and Storm Surge Early Warning system by the Department of Ocean Development with its Centre at the Indian National Centre for Ocean Information Services (INCOIS), Hyderabad. The system will comprise of the following components:

- Strengthening of the existing seismological network to indicate in near real time occurrence of tsunamigenic earthquakes.
- Installation of tsunami warning sensors close to the ocean bottom at appropriate locales in the Indian Ocean, with real time connectivity.
- Tide gauge and data buoys networking.
- Modelling of the inundation scenarios for the entire coast.
- Collection of information, analysis and generating status advisories.

The Centre is proposed to operate on round the clock basis.

Minerals from deep sea

1969. SHRI RAJKUMAR DHOOT: Will the Minister of OCEAN DEVELOPMENT be pleased to state:

(a) whether it is a fact that Government have undertaken the work of mapping and assessing the availability of mineral resources from the deep sea;